



Asset#	Name	Process Description	Asset#	Name	Process Description
0292	Oil Separator	Collects fryer room, filter press, oil skimmer & waste caustic effluents	1485	Acid B Polished Tank	Collects liquid slurry from Acid A Coarse Tank, receives fresh acid from Poly Blend System, adjusts PH to 7.4 and overflows to clarifier
1495	Oil Skimmer	Skims oil out of primary pit and sends it to oil separator	1483	2ndary Coagulant Storage	Receives fresh coagulant from bulk coagulant tank and dispenses into clarifier
0752	Waste Caustic	Collects Fryer room effluent & gradually dispenses liquid to oil separator	2705	Polymer	Receives fresh polymer from drum/water mixing station and dispenses into clarifier
Prime Pit Pump	Primary Pit Pumps	Collects oil separator, Plant Effluent, Clarifier precipitated solids & swecco liquids & pumps them to rotary screens	1494	Clarifier	Receives neutralized liquid slurry, Coagulant & Polymer, it forms scum solids that are pumped to sludge tank, precipitated solids drop to the bottom and are drained to the primary pit, and the adjusted clear liquid is sent to city through Ultrasonic meter, Palmer Bowlus Flume and a sample is taken. Air diffuser is used to aid the scum formation and solids precipitation
0290	Rotary Screen	Remove solids from primary pit effluent, sends solids to swecco & liquid to secondary pit	Sludge Tank	Sludge Tank	Collects slurry from crumb pump & clarifier, lime is added to thicken mixture and thicken slurry is pumped to the filter press
0291	Rotary Screen	Remove solids from primary pit effluent, sends solids to swecco & liquid to secondary pit	0294	Filter Press	Receives thickened slurry from sludge tank, it separates lime cakes/solids to container and sends liquid back to oil separator
2708	Swecco Screen	Separates large solids to waste drum, send solids/slurry to Sludge tank via crumb pump, and liquid to primary pit			
2ndary Pit Pump	2ndary Pit Pumps	Collects rotary screens liquid and pumps it to 85K tank			
85K Tank	Waste Water Holding Tank	Collects secondary pit liquid and it pumps it through the progressive cavity pumps to the acid/equilizing tanks			
1486	Acid A Coarse Tank	Collects liquid slurry from 85K tank, receives fresh acid from Poly Blend system, adjusts PH to 8.8 and overflows liquid to acid tank B			

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DRAWING TITLE:

MUNG ROOM PIPING PROCESS

DRAWING #:

0000-1NJA

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